

ABSTRACT

An interactive electronic drum system and training techniques suitable for use in a coin-operated environment such as an arcade are described. Electronic drum pads, audio speakers, a visual display, training lights and an overall control system are combined to simulate the excitement of a live drum or inactive musical jam session for a user. Positive feedback and, as necessary, instructive aid are provided to make the experience a positive one for both the novice and the expert player. Learning and playing a musical instrument becomes an intuitive, exciting experience and not a boring chore to be endured. Players can simulate the experience of playing in a rock band before a live and appreciative audience. In short, this interactive electronic drum system makes drums and the jamming experience widely accessible to the public.